

Recombinant Human CHST4 protein, His-tagged

Cat. No. CHST4-3227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST4 protein(177-386 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	177-386 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	DPSLNHLHIVHLVRDPRAVFRSRERTKGDLMSRIVMGQHEQKLKKEDQPYVVMQVI CQSQLEIYKTIQSLPKALQERYLLVRYEDLARAPVAQTSRMYEFVGLFPLHLQTWV HNITRGKGMGDHAFHTNARDALNVSQAWRWSLPYEKVSRLQKACGDAMNLLGYR HVRSEQEQRNLLLDLLSTWTVPEQIH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

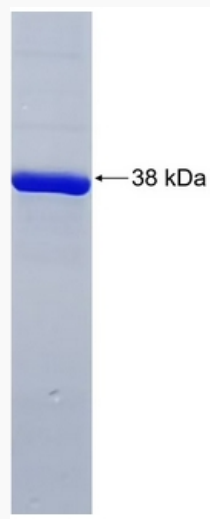
Gene Name	CHST4 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4 [Homo sapiens]
Official Symbol	CHST4
Synonyms	CHST4; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4; carbohydrate sulfotransferase 4; HEC GLCNAC 6 ST; LSST; GST-3; gn6st-2; glcNAc6ST-2; HEC-GlcNAc6ST; L-selectin ligand sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 2; high endothelial cells N-acetylglucosamine 6-O-sulfotransferase; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 3; galactose/N-acetylglucosamine/N-acetylgalactosamine 6-O-sulfotransferase 3; GST3; GlcNAc6ST2; HECGLCNAC6ST;
Gene ID	10164
mRNA Refseq	NM_001166395
Protein Refseq	NP_001159867
UniProt ID	Q8NCG5

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SDS-PAGE



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